



FACScan and FACSCalibur cleaning and shutdown instructions.

These instructions need to be carried out after the completion of your experiment. **This procedure is mandatory for maintaining proper instrument operation.**

- When you are done with your experiment, place a FACS tube with 2 mls 10% bleach on the SIP tube and run for 5 minutes on HI pressure. If you were using propidium iodide or acridine orange, run for 10 minutes to ensure complete dye removal from the instrument tubing. When this is done, swing the arm to the side and aspirate 1ml bleach into the SIP tube (about 1 minute).
- Repeat the above with distilled water. Do not use PBS.
- Depressurize the instrument and place it in STANDBY mode.
- Refill the sheath tank. Empty the waste tank and add approximately 300 mls concentrated bleach (enough to cover the bottom of the tank. Make sure both tanks are placed back in the drawer and reconnected correctly.
- Leave a FACS tube with 1 ml distilled water (not PBS) on the SIP tube.
- If you are NOT the last user of the day, leave the instrument depressurized and in STANDBY mode.
- If you are the last user of the day, shut down the computer (via the software) and turn off the instrument (the green switch on the side). Leave the computer power strip on.
- Fill out the User Log!

Report all maintenance problems to Veena or Bill.